10/049583

09/29/2001 08:56:00

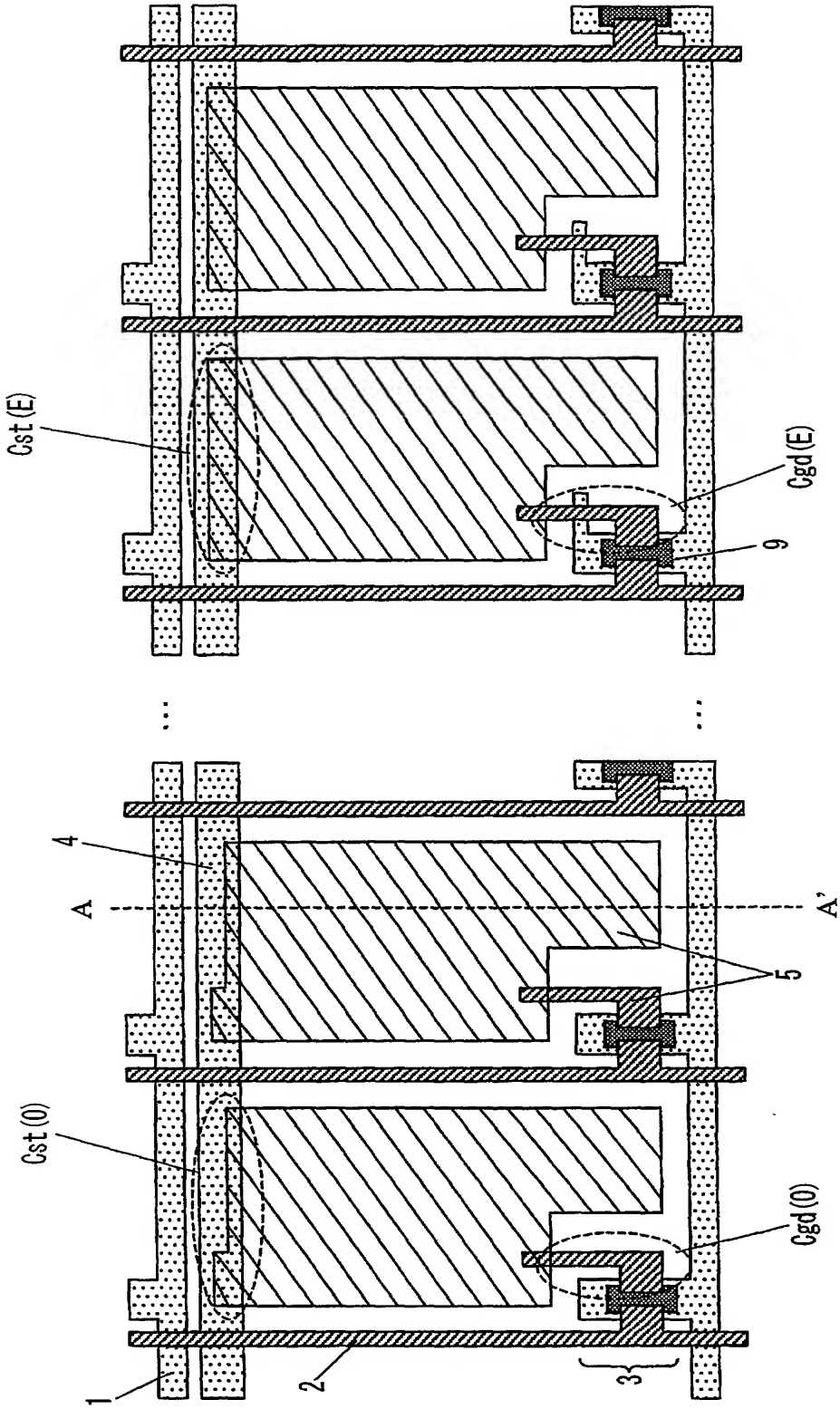

FIG. 1

10/049582

DEC 20 2001 09:04AM

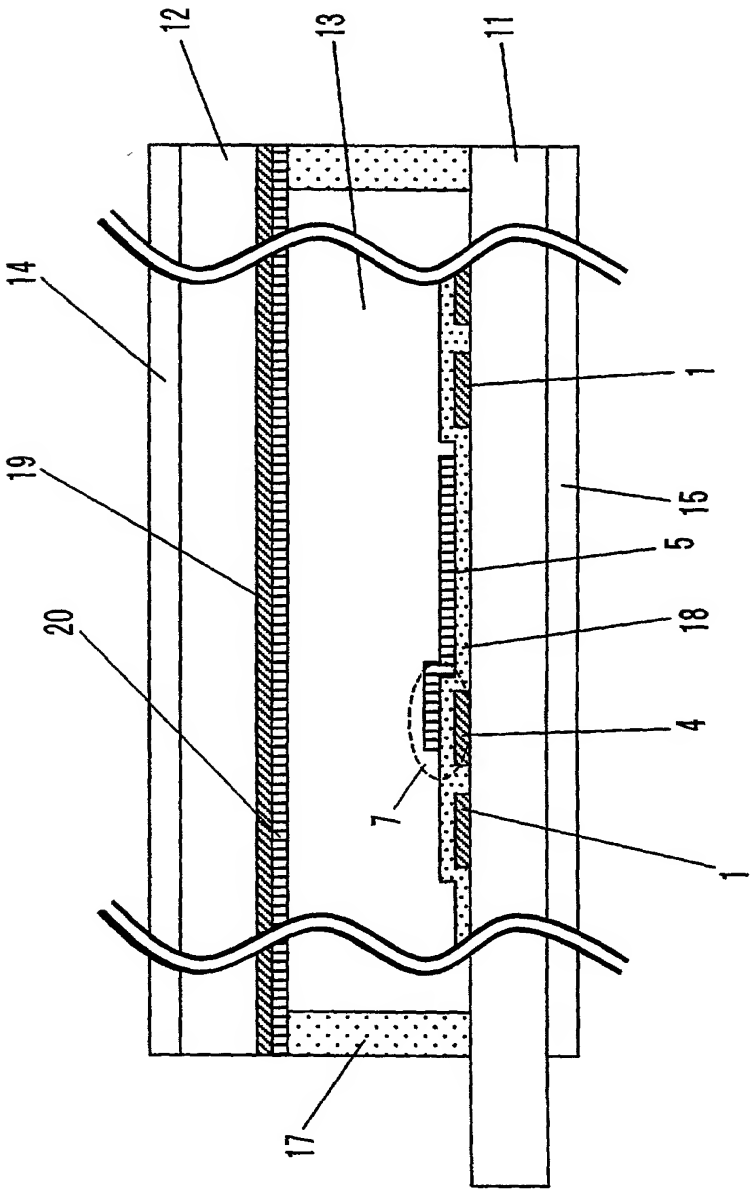

FIG. 2

10/049583

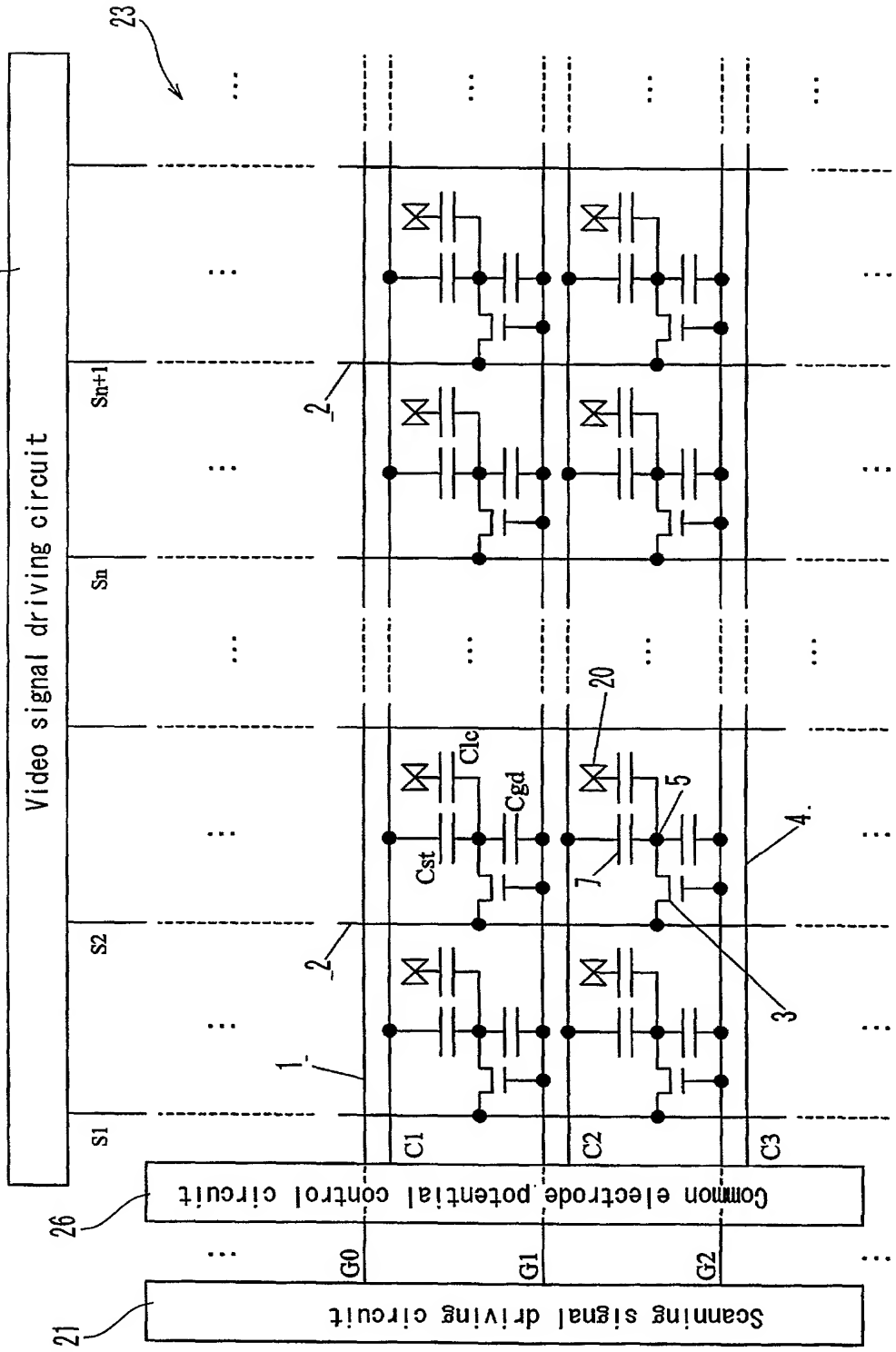

FIG. 3

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09/20/2004 23:56:00

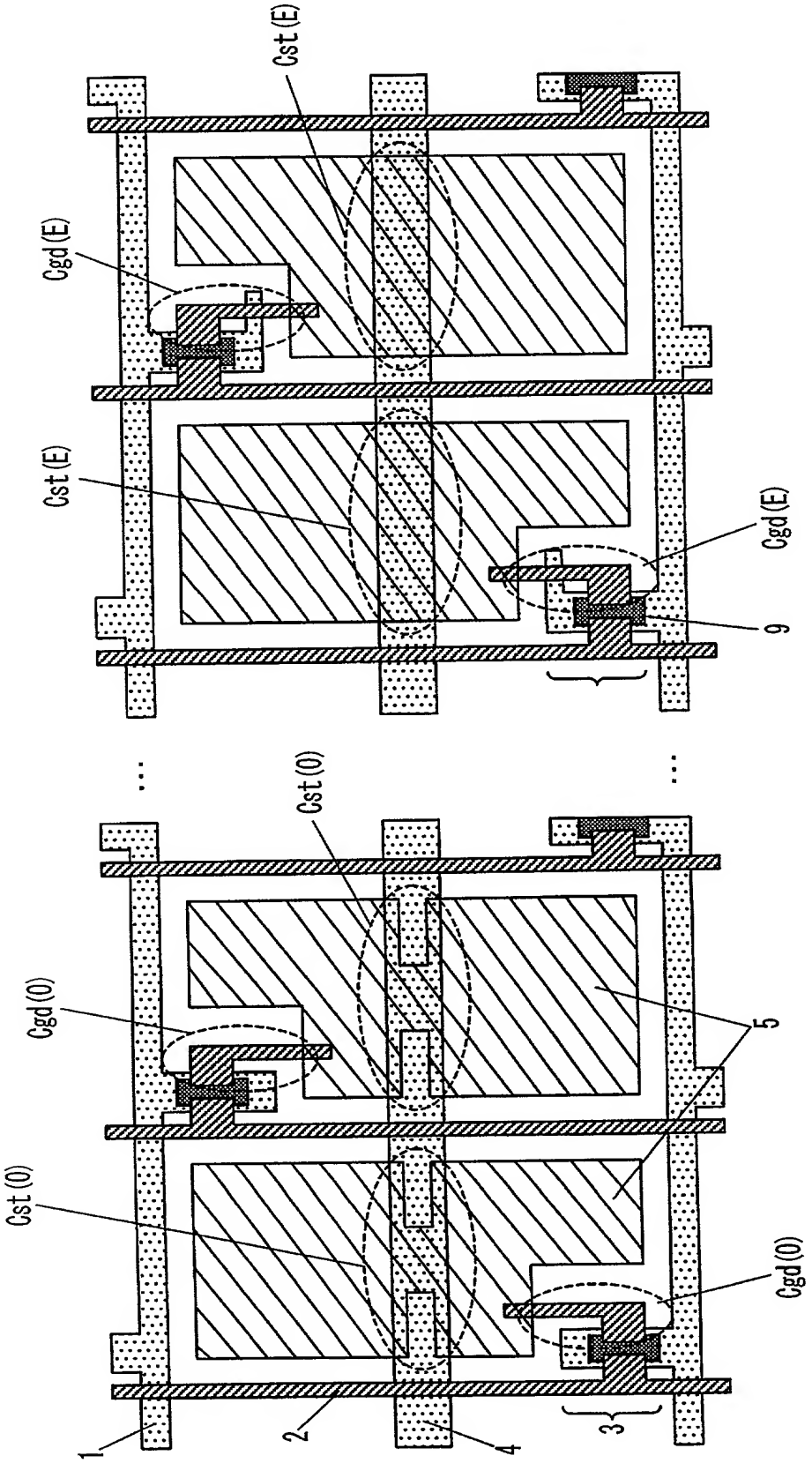


FIG. 4

10/049583

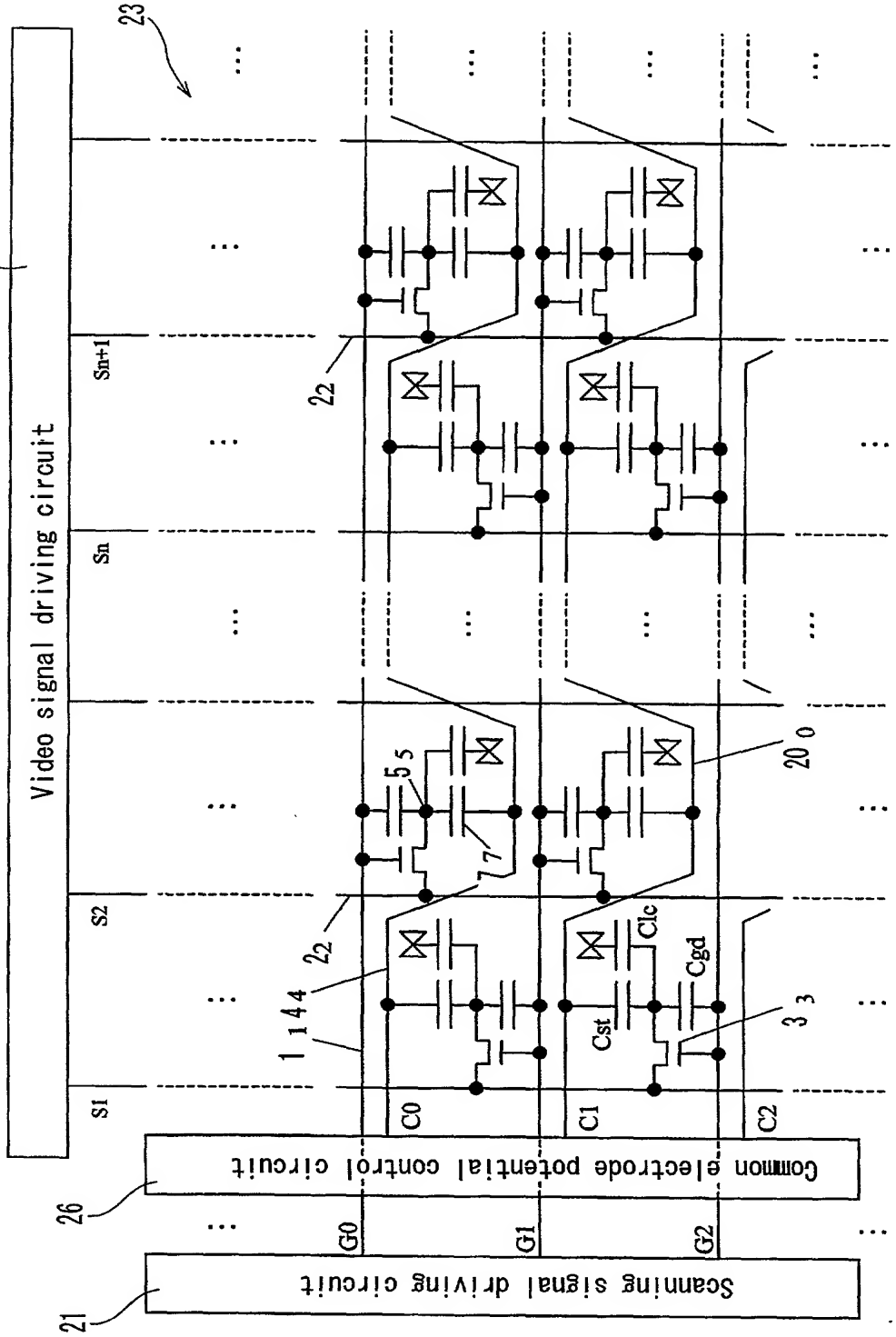
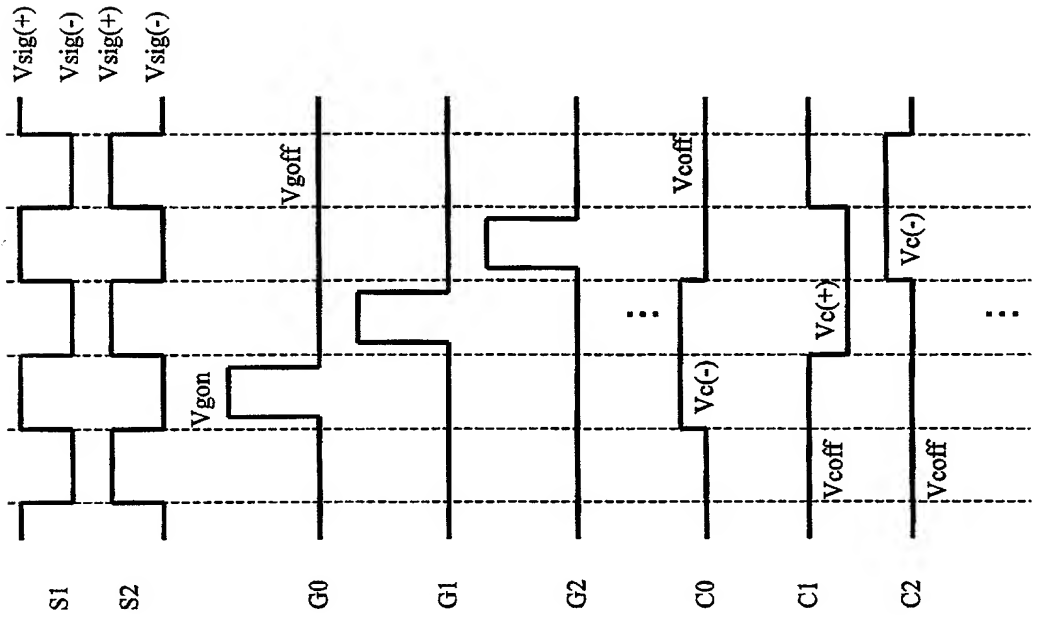


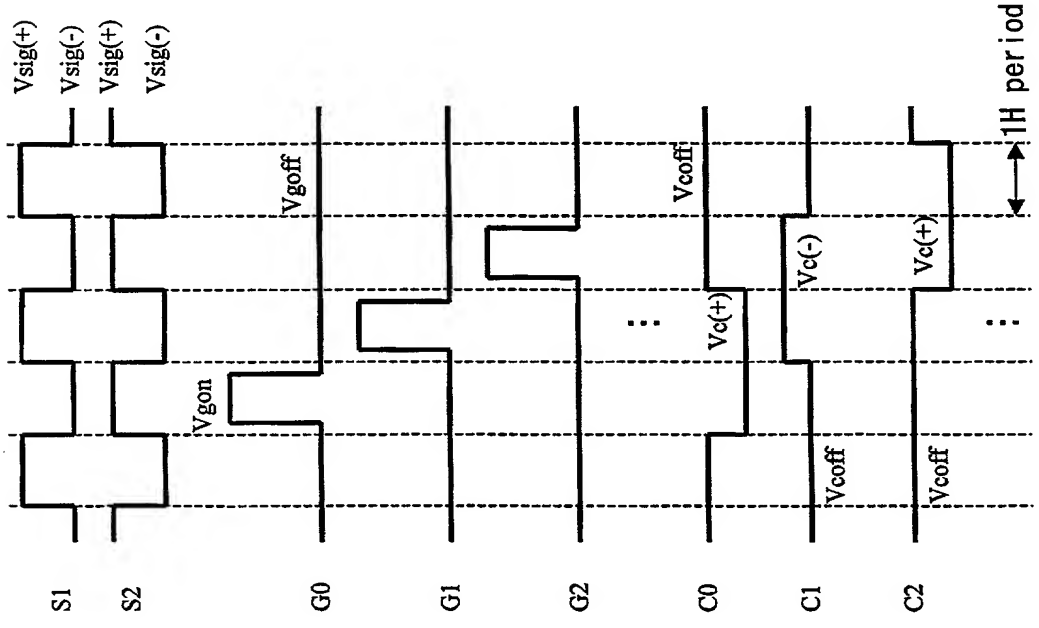
FIG. 5

10/049583



(Even-number frame)

FIG. 6B



(Odd-number frame)

FIG. 6A

Inventor: TANAKA et al.
Docket No.: 10873.877USWO
Title: ACTIVE MATRIX TYPE DISPLAY APPARATUS, METHOD FOR DRIVING THE SAME, AND DISPLAY ELEMENT
Attorney Name: Douglas P. Mueller
Phone No.: 612.371.5237
Sheet 7 of 33

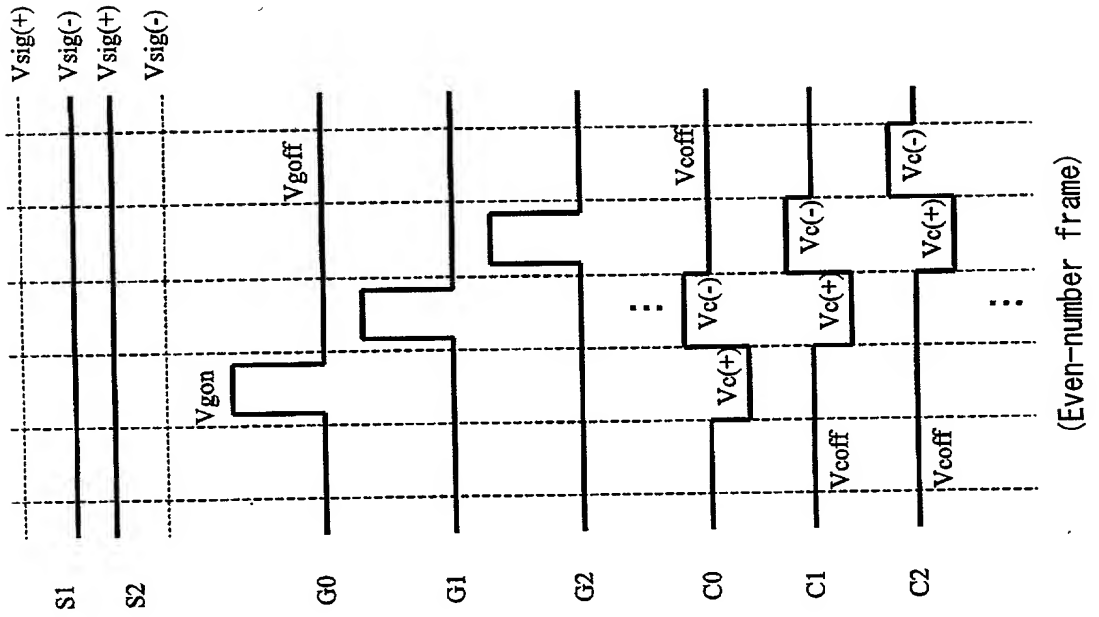


FIG. 7B

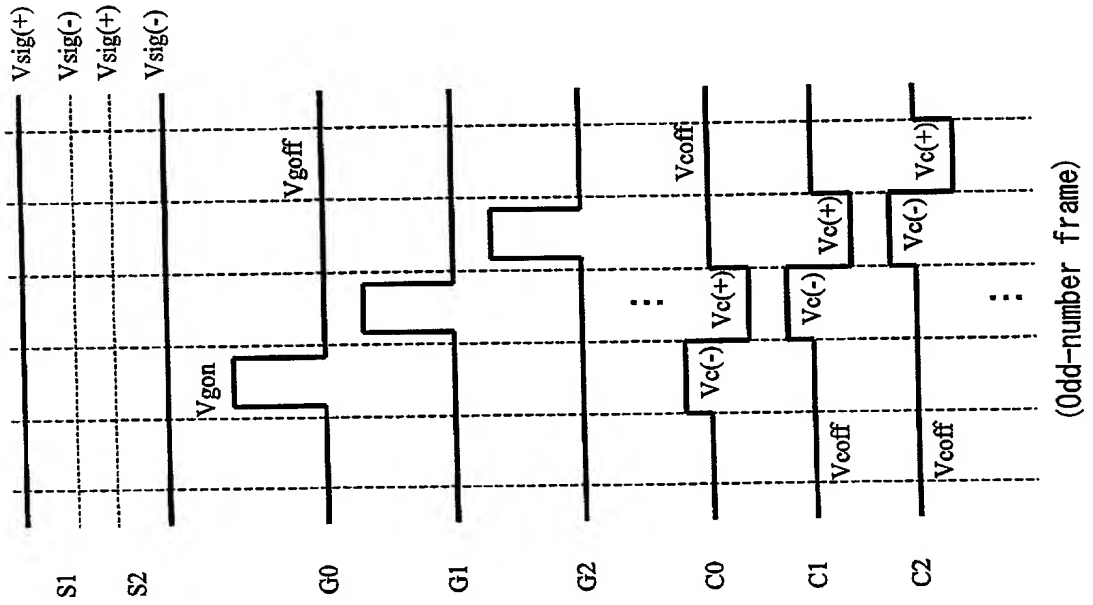


FIG. 7A

10/049583

JP00/05988 09.10.00

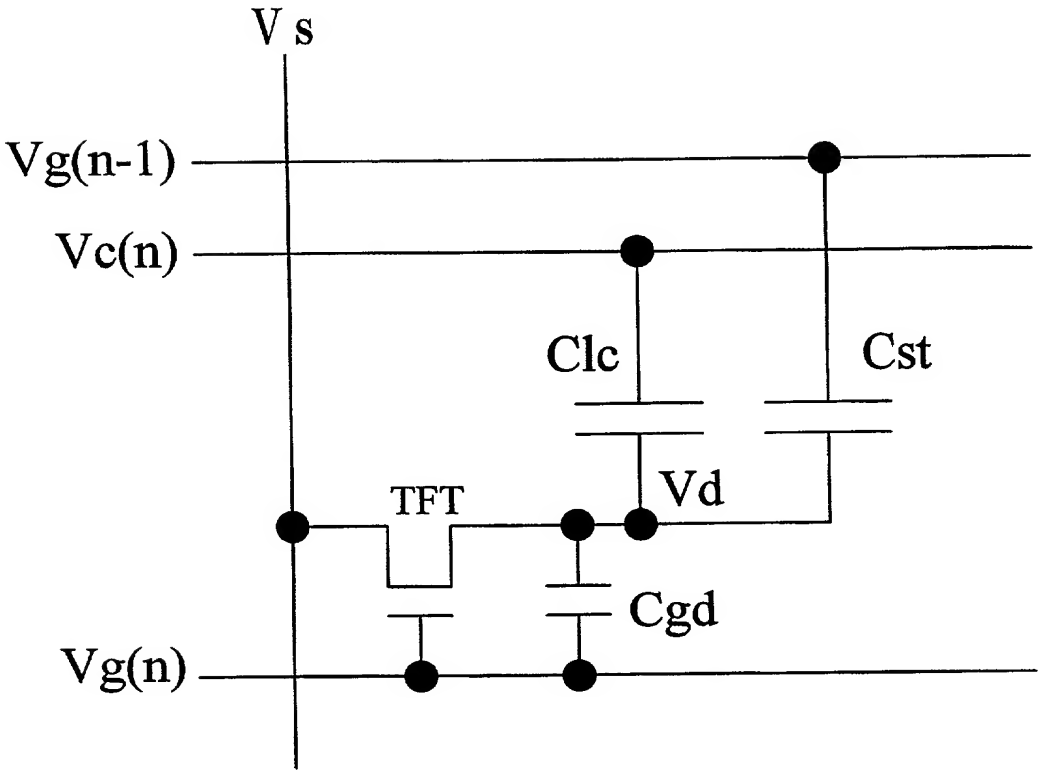


FIG. 8

10/049583

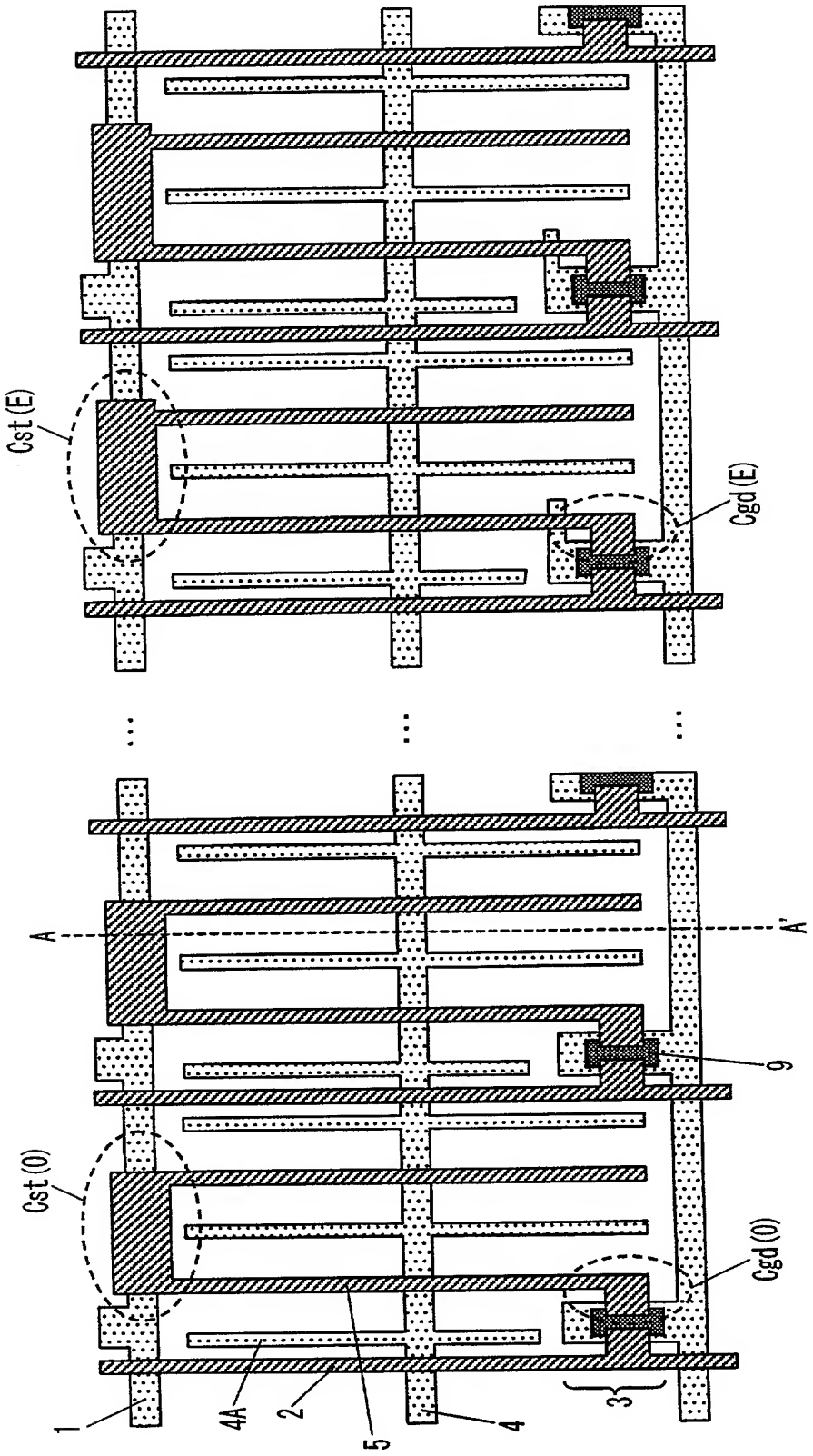


FIG. 9

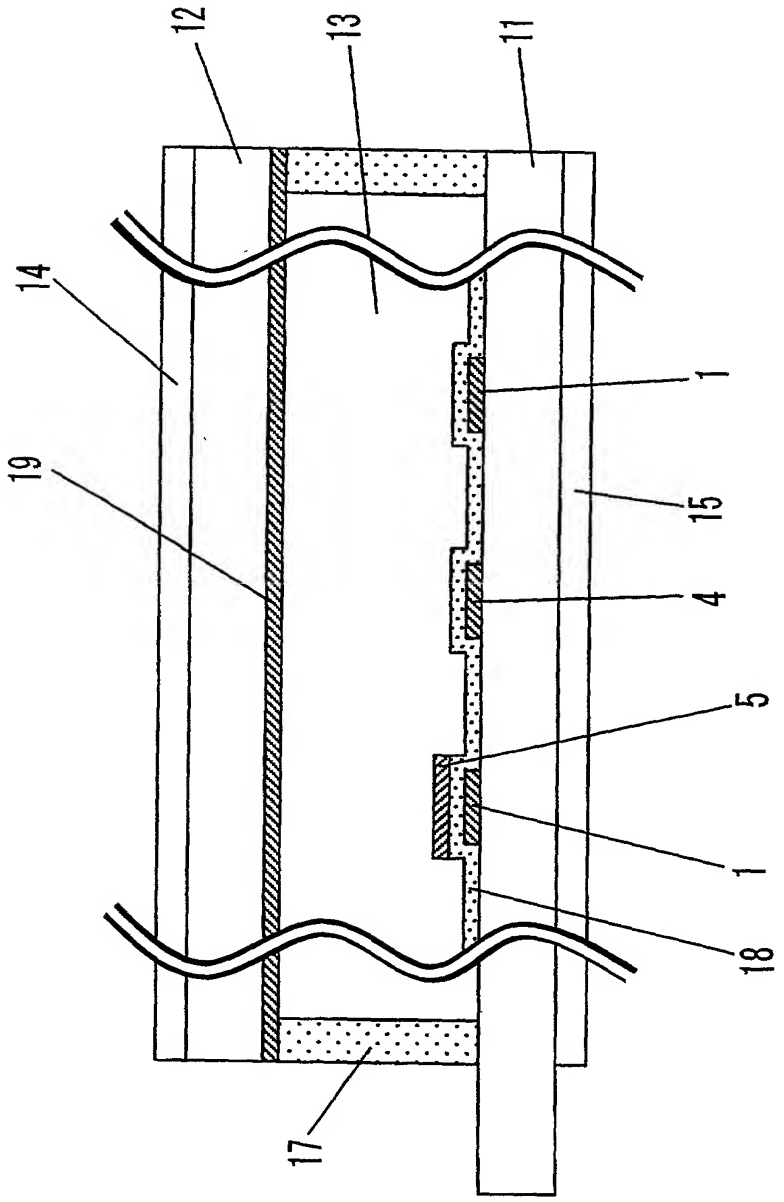


FIG. 10

Inventor: TANAKA et al.
Docket No.: 10873.877USWO
Title: ACTIVE MATRIX TYPE DISPLAY APPARATUS, METHOD FOR DRIVING THE SAME, AND DISPLAY ELEMENT
Attorney Name: Douglas P. Mueller
Phone No.: 612.371.5237
Sheet 11 of 33

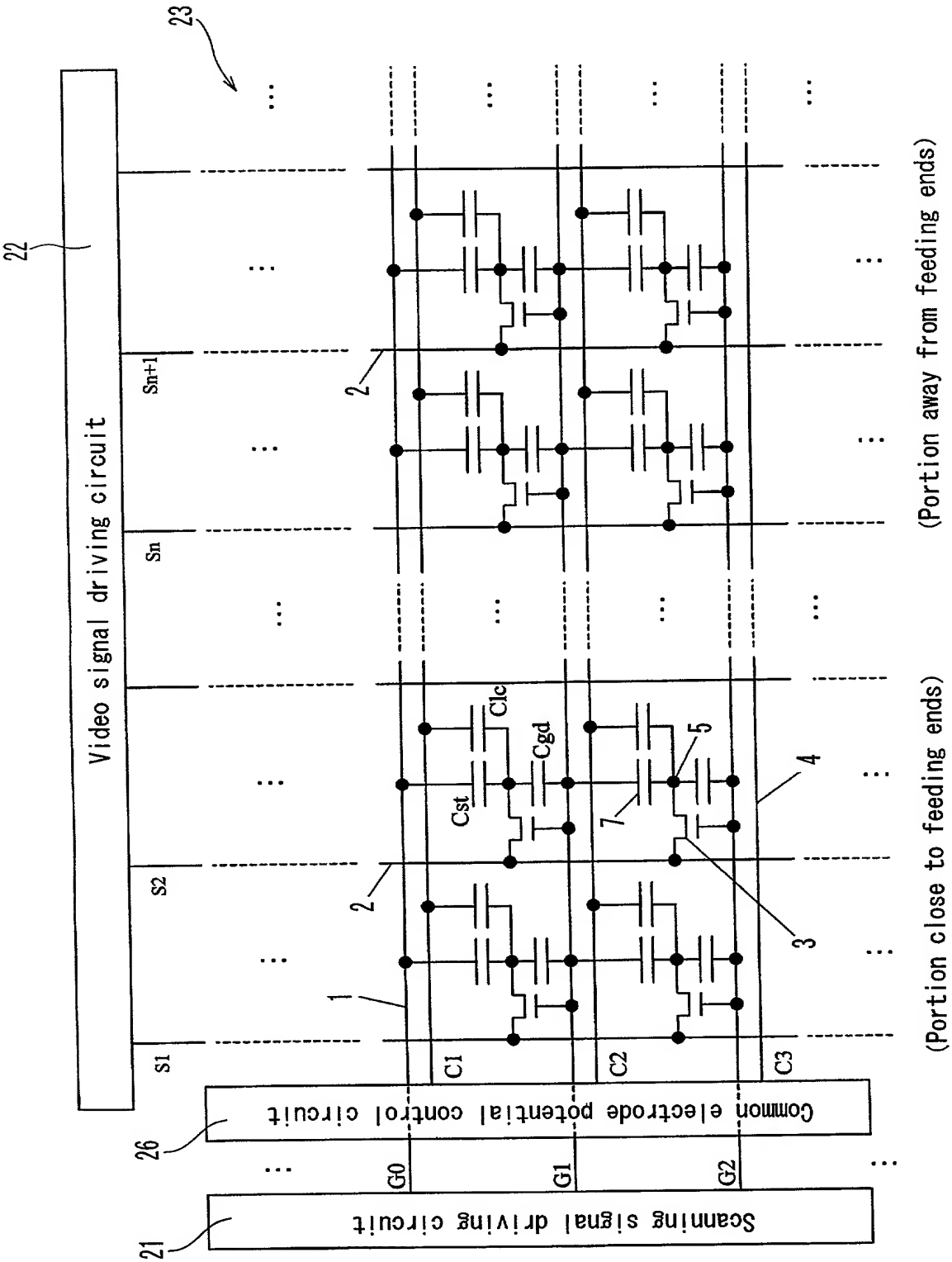


FIG. 11

10/049583

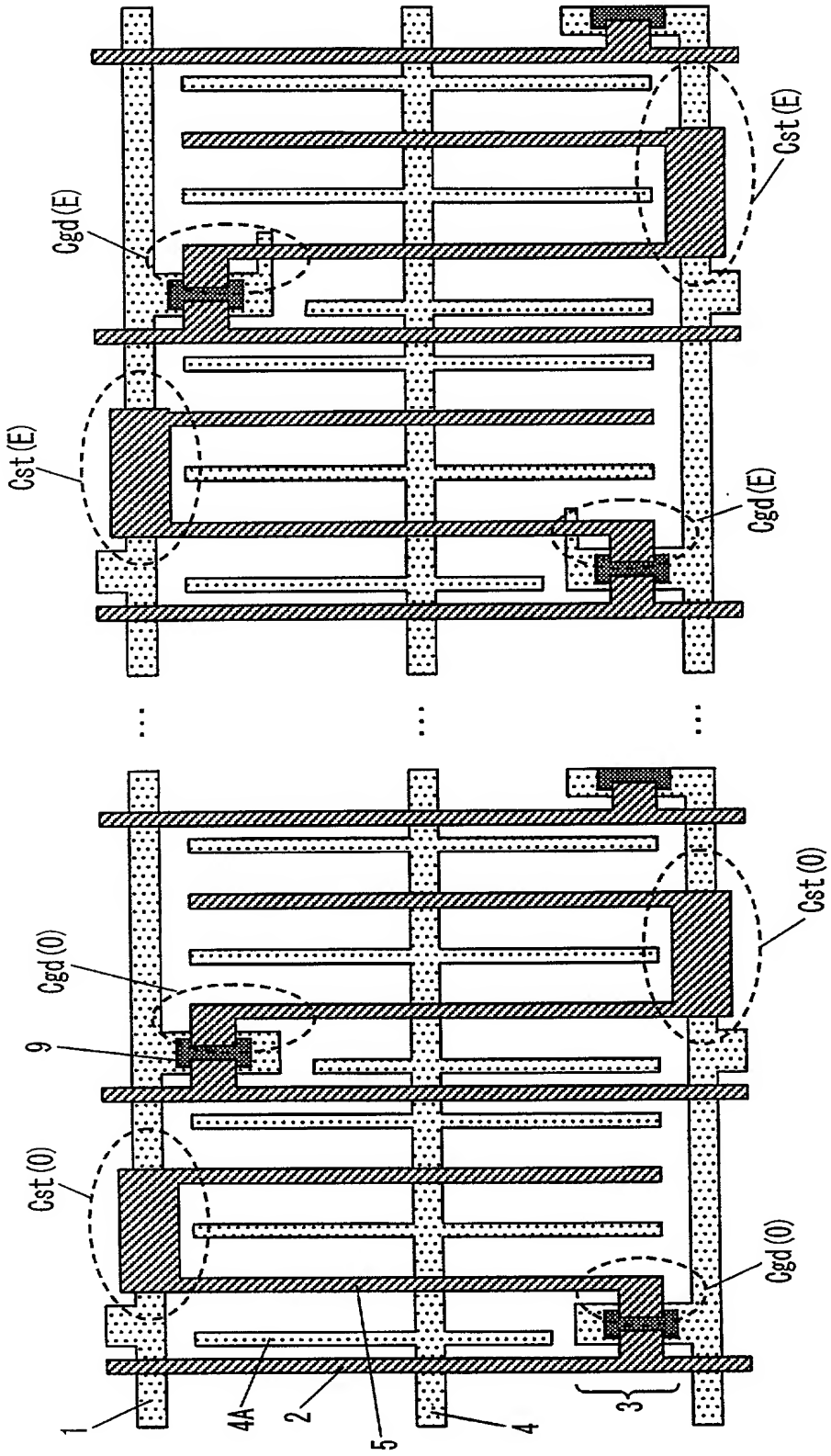


FIG. 12

ae2e20 e85e4a0f

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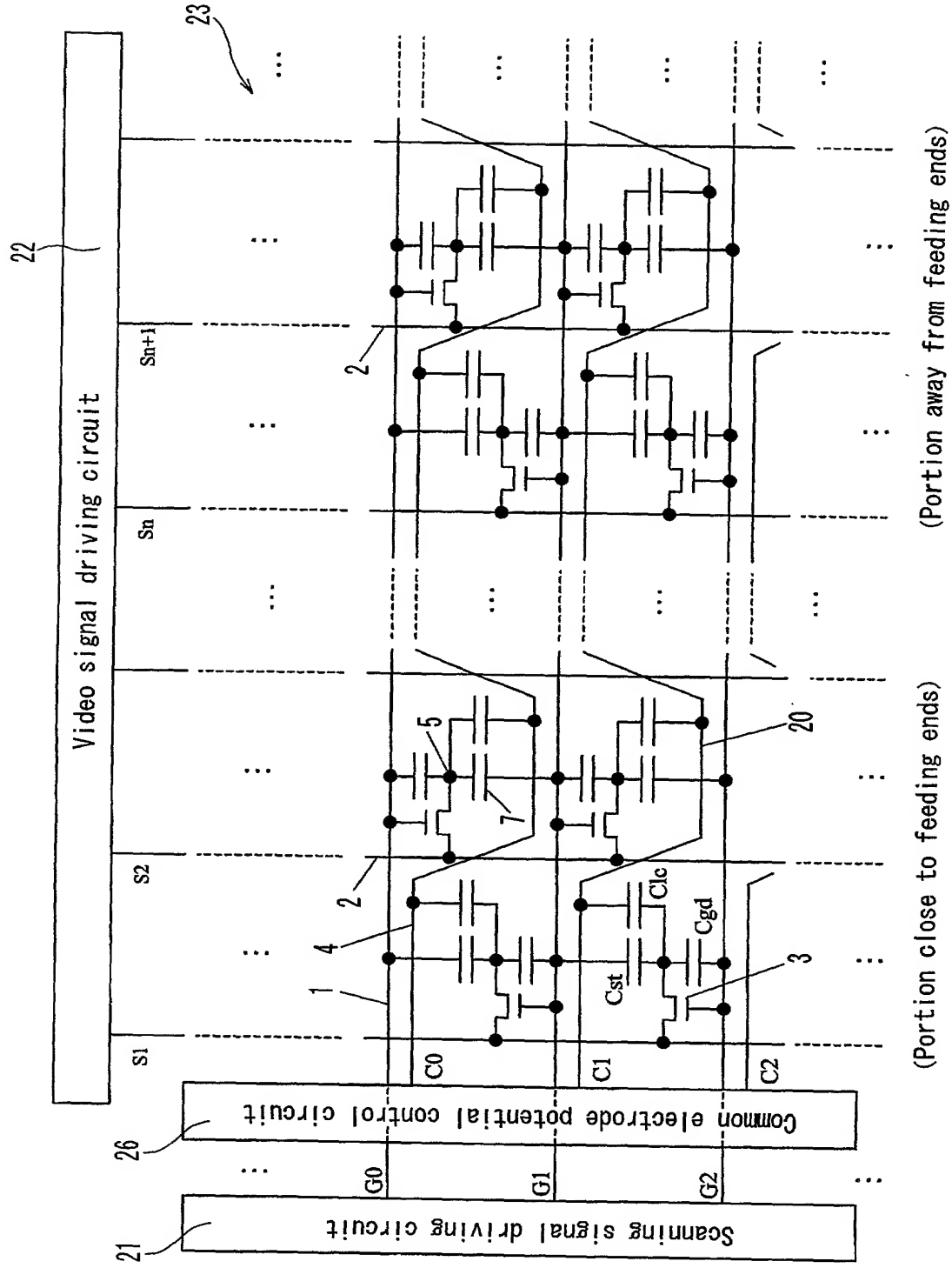

FIG. 13

10/049583

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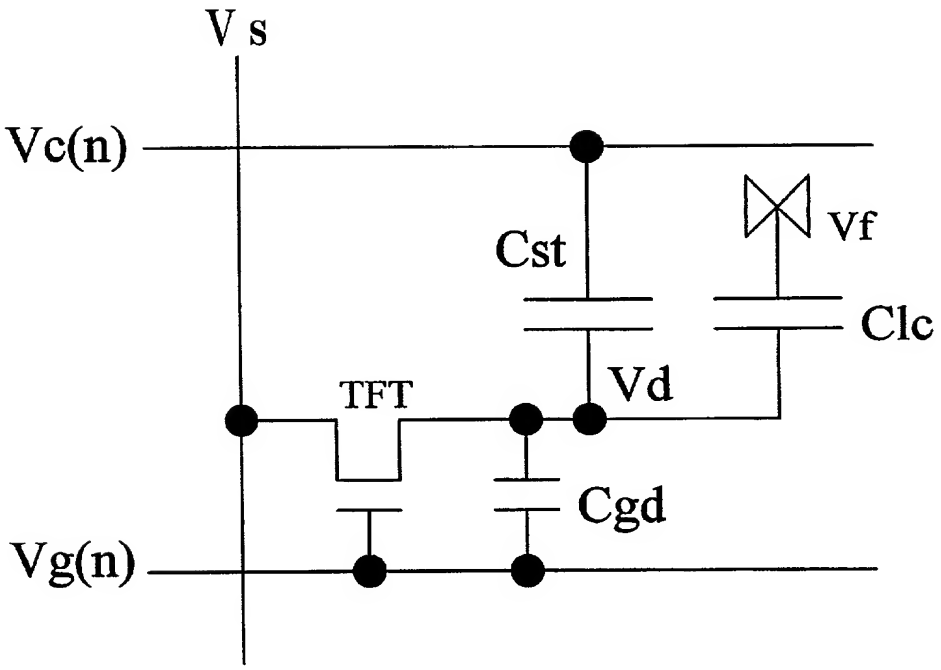


FIG. 14

10/049583

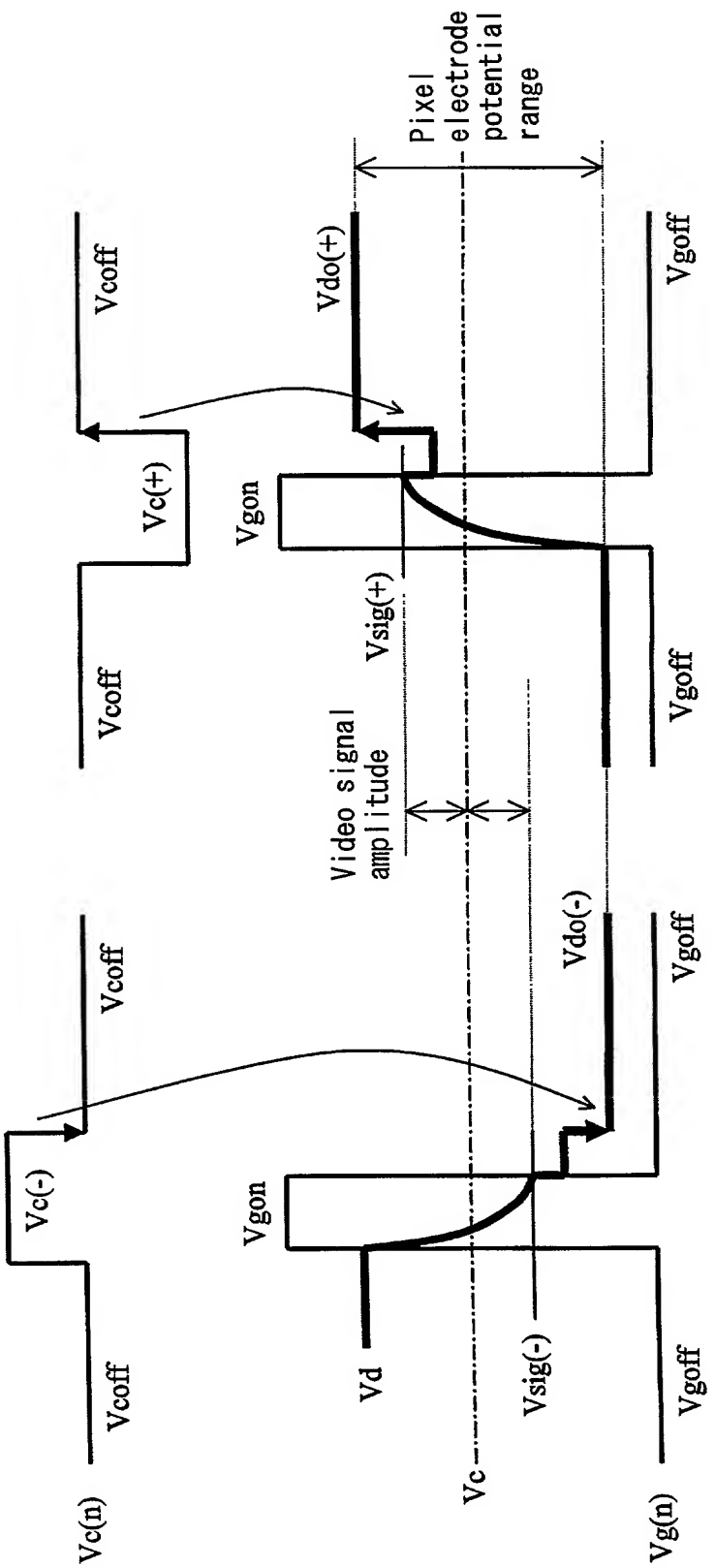


FIG. 15

10/049583

FIG. 16A

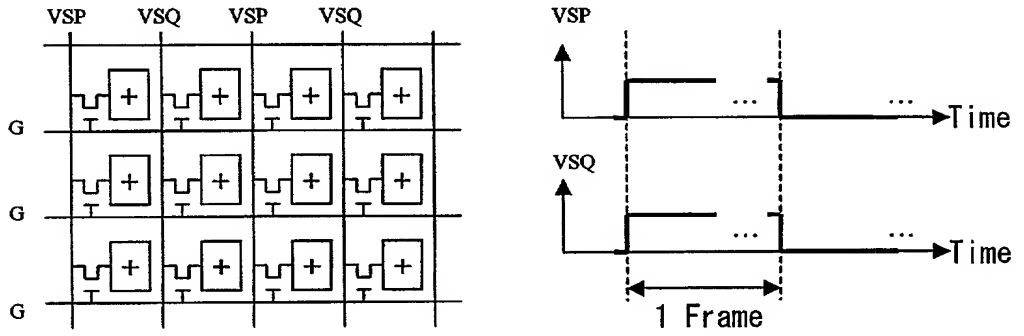


FIG. 16B

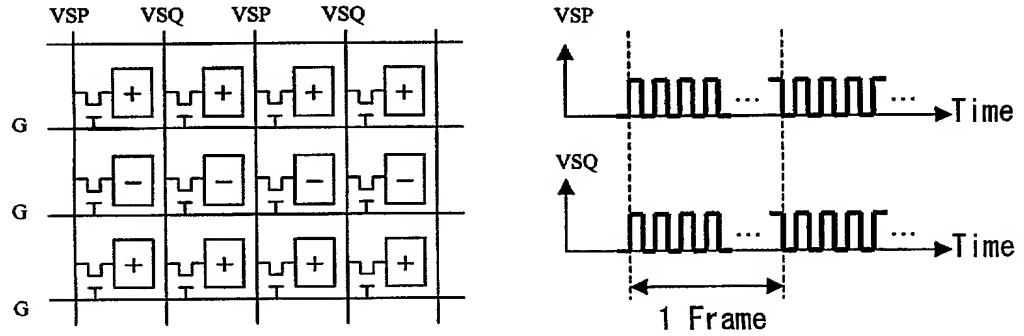


FIG. 16C

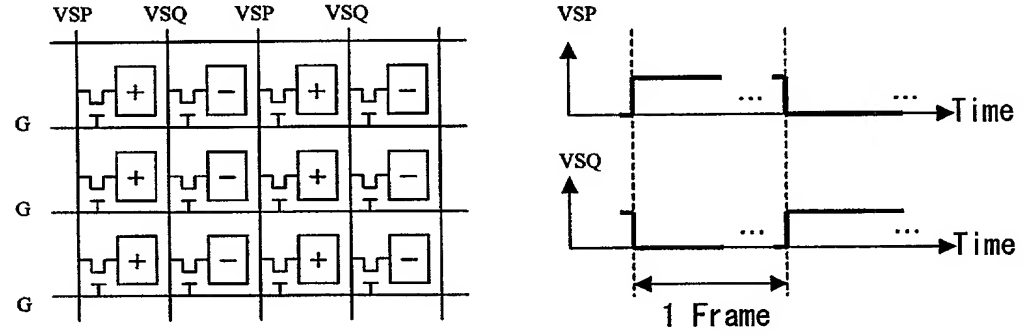
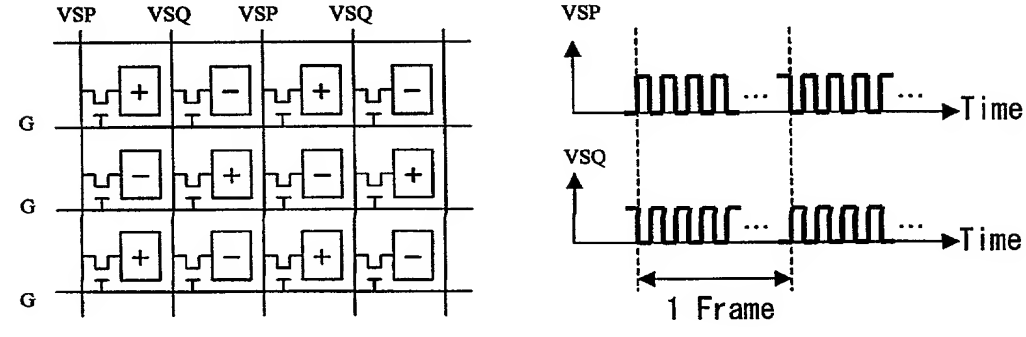


FIG. 16D



10/049583

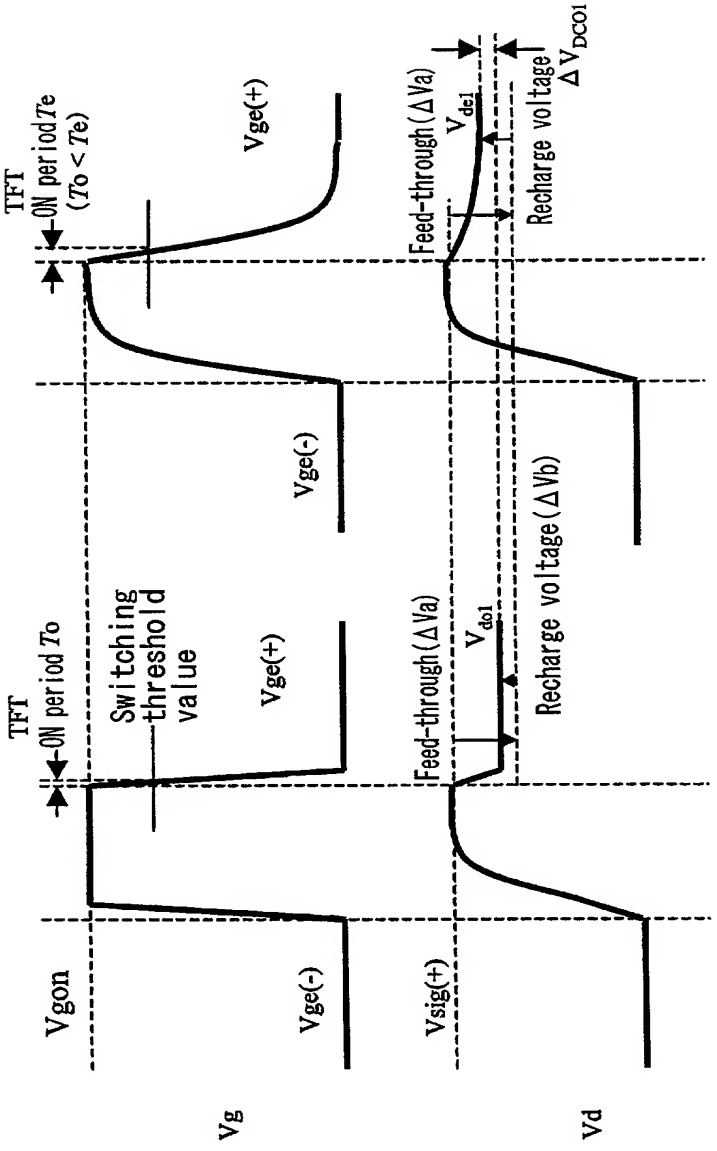


FIG. 17

10/049583

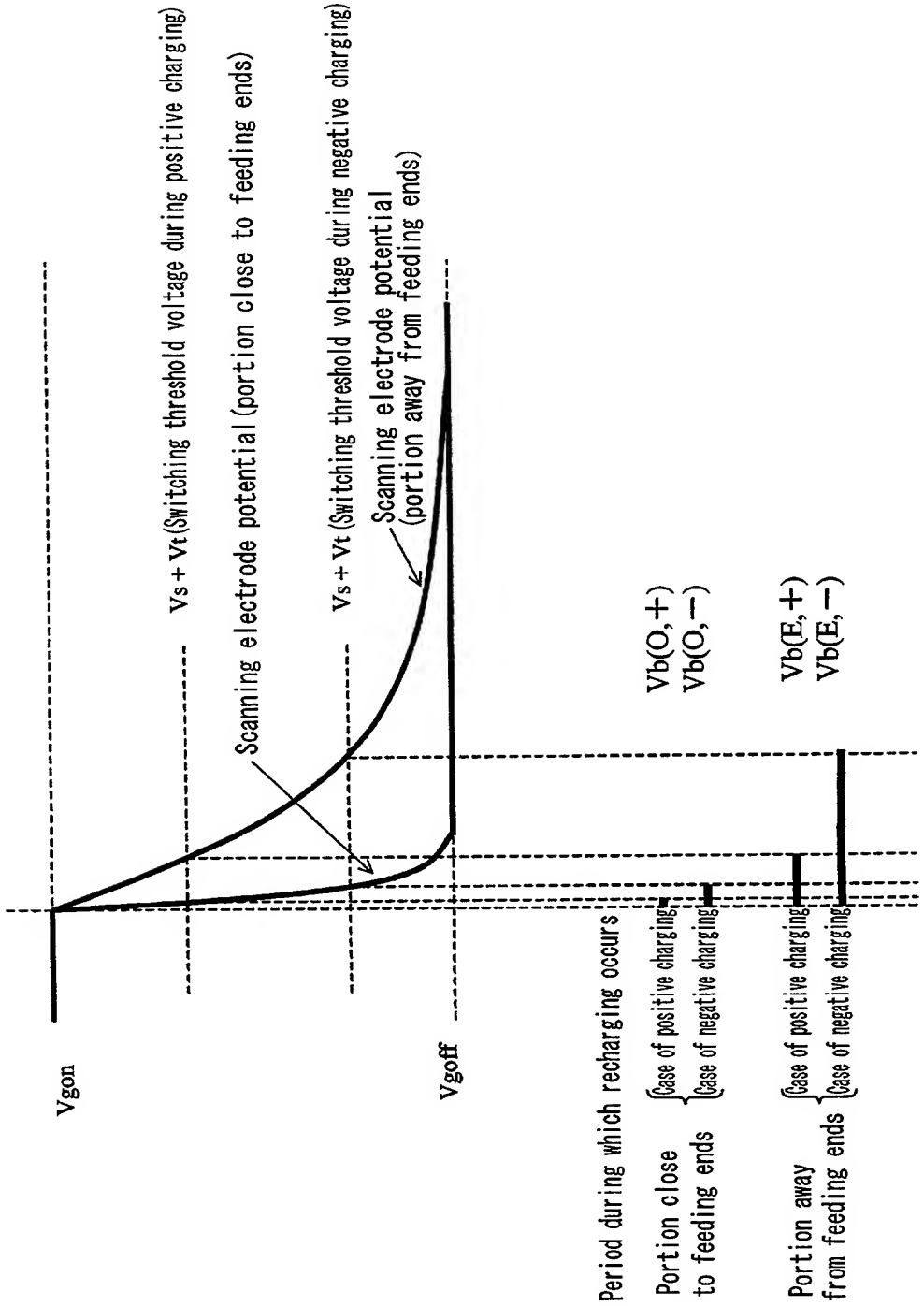


FIG. 18

10/049583

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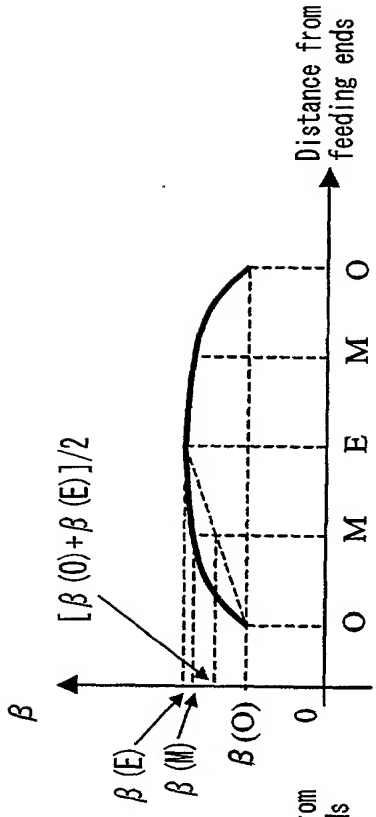

FIG. 19A

FIG. 19B

FIG. 19C

FIG. 19D

10/049583

09547.20.E8554.007

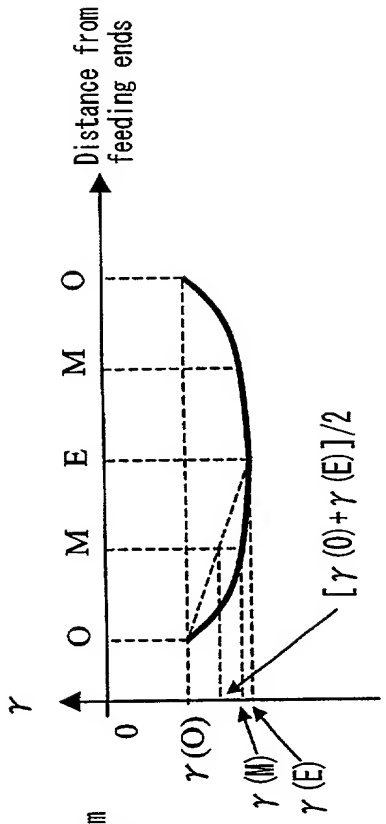

FIG. 20A

FIG. 20B

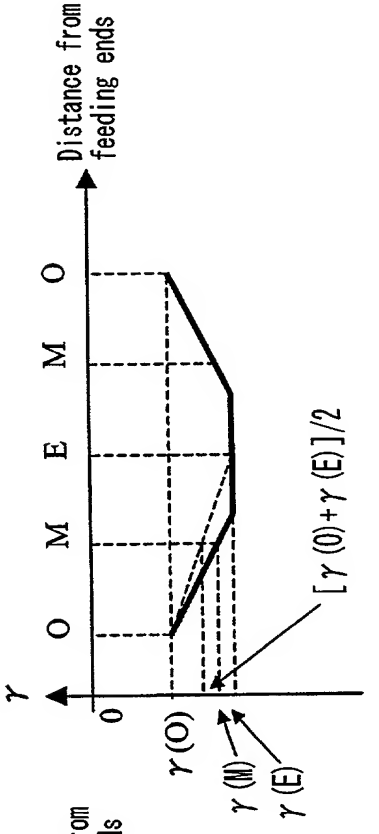

FIG. 20C

FIG. 20D

10/049583

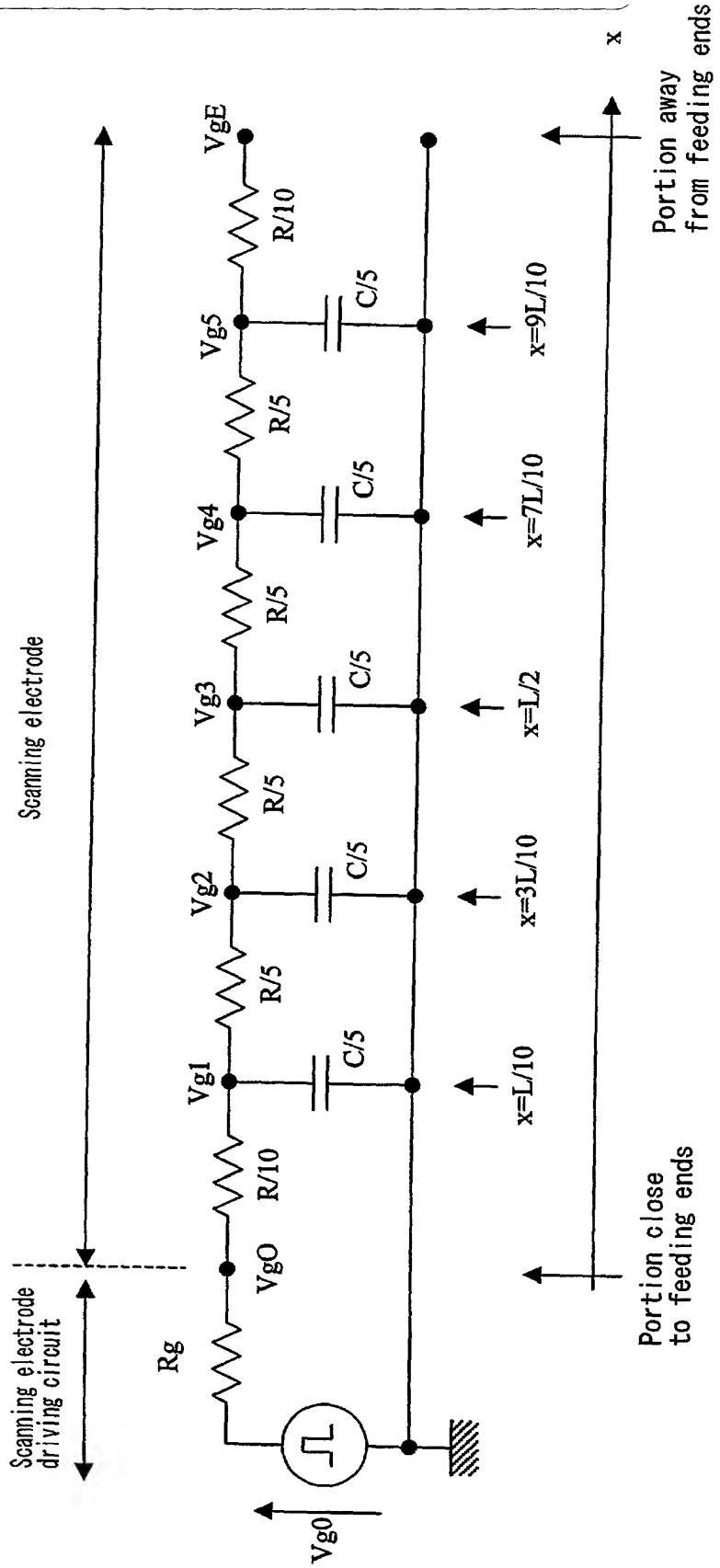

FIG. 21

10/049583

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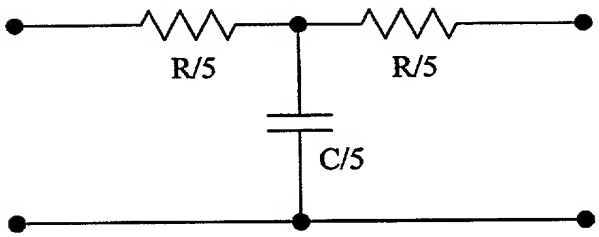

FIG. 22

Inventor: TANAKA et al.
Docket No.: 10873.877USWO
Title: ACTIVE MATRIX TYPE DISPLAY APPARATUS, METHOD FOR DRIVING THE SAME, AND DISPLAY ELEMENT
Attorney Name: Douglas P. Mueller
Phone No.: 612.371.5237
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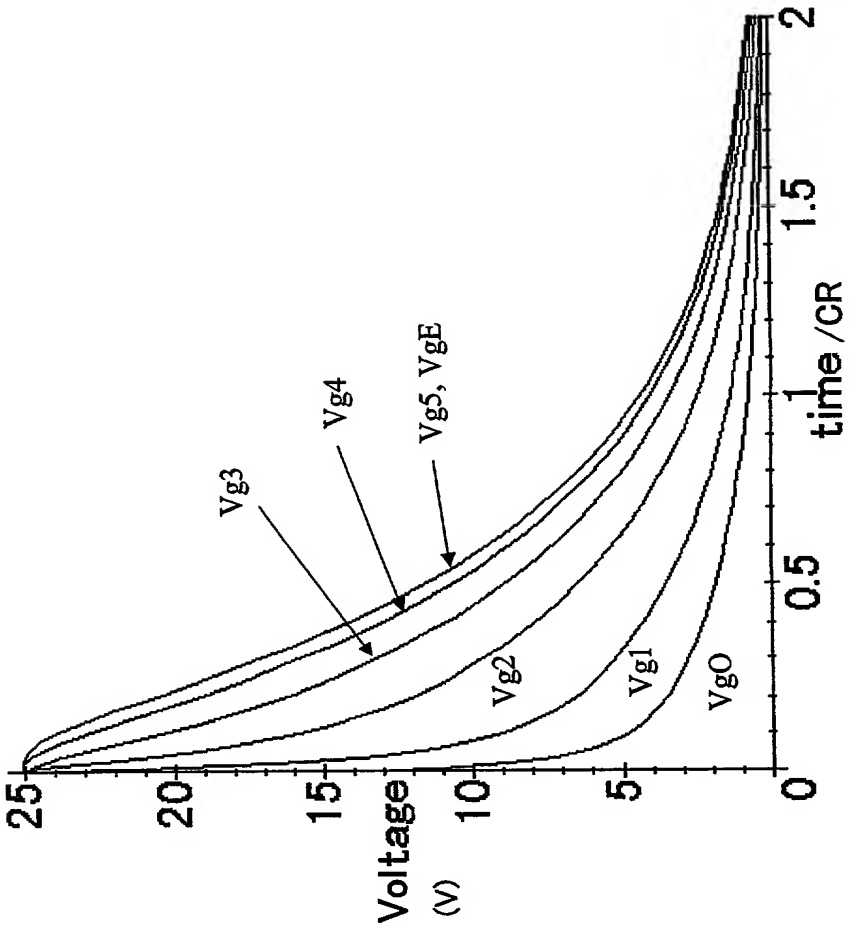

FIG. 23

10/049583

PCT/JP00/05403 10 Feb 2002

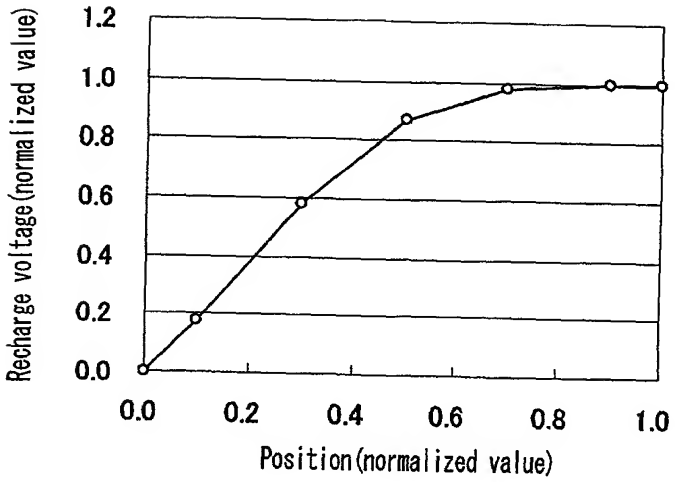

FIG. 24

10/049583

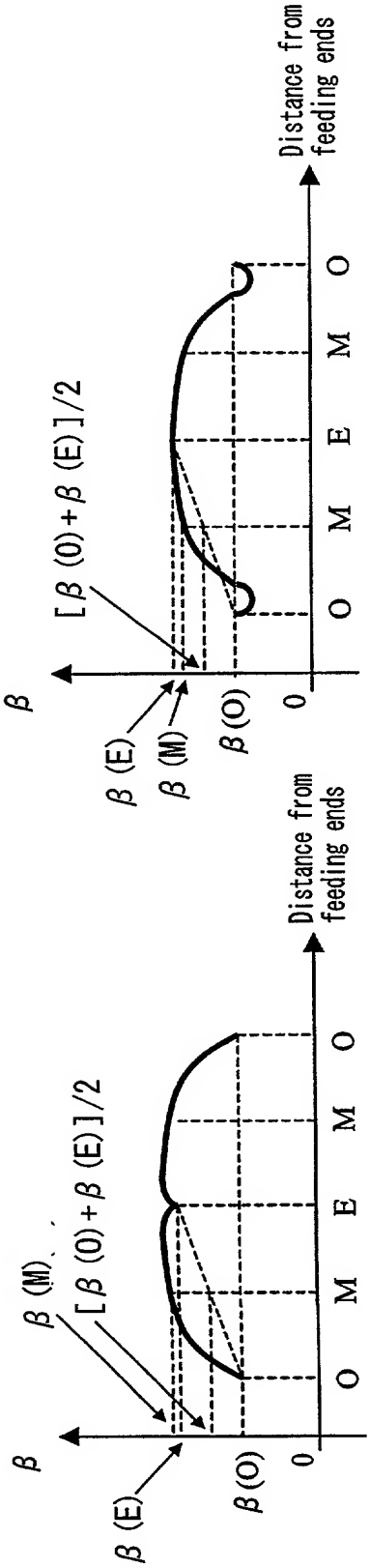

FIG. 25B

FIG. 25A

10/049583

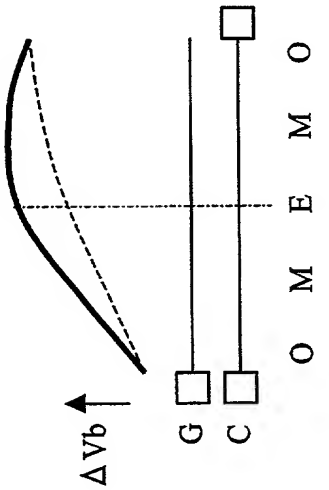

FIG. 26C

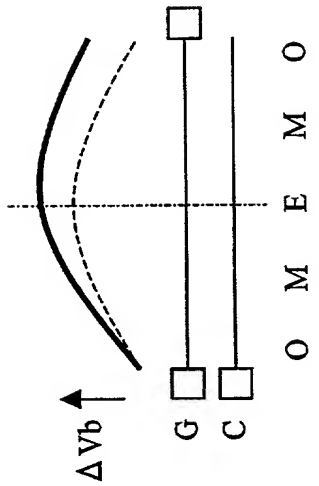

FIG. 26B

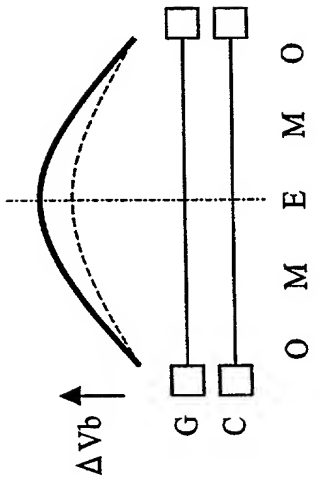

FIG. 26A

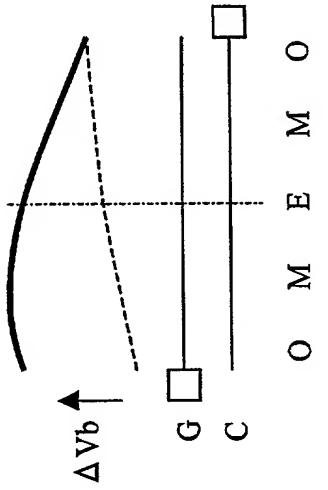

FIG. 26E'

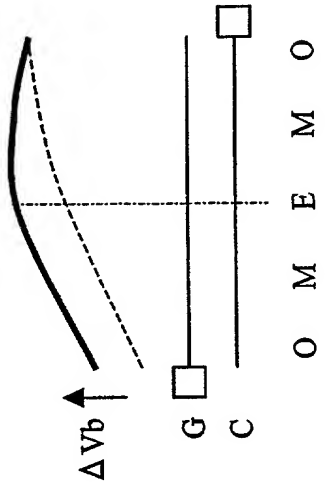

FIG. 26E

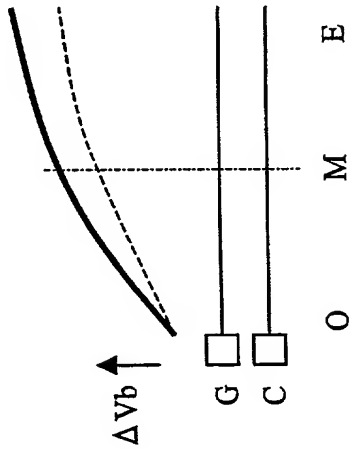

FIG. 26D

□represents that a power is being supplied

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PCT/JP00/05404

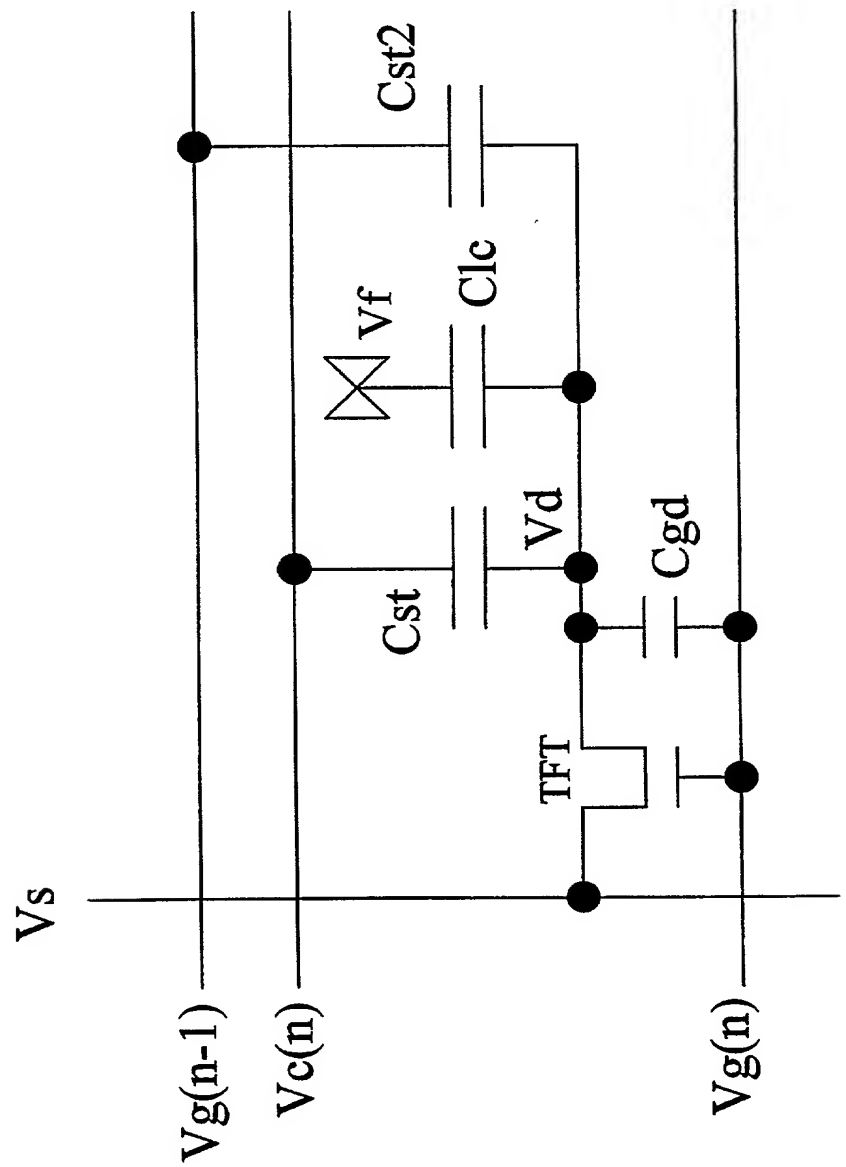
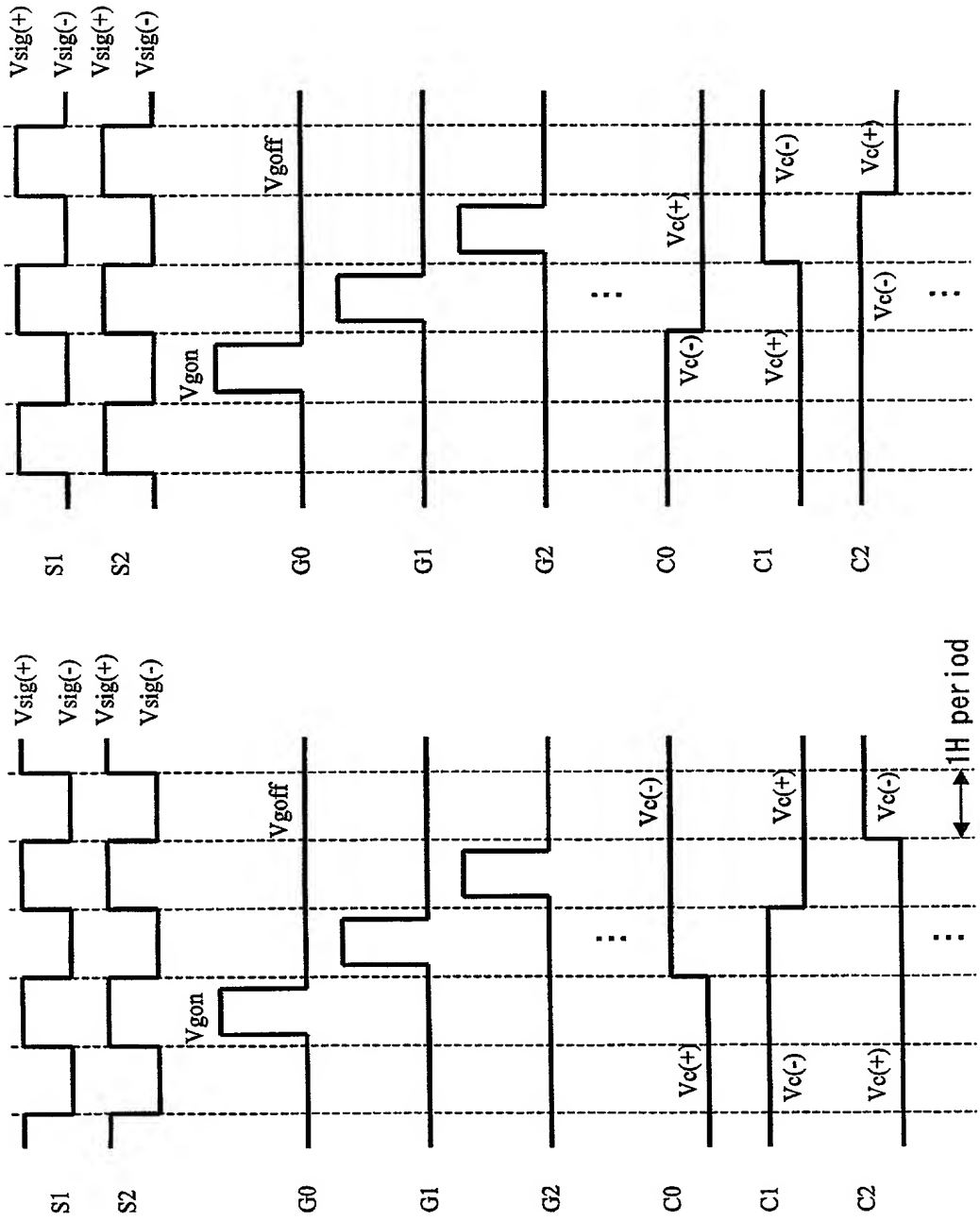


FIG. 27

10/049583



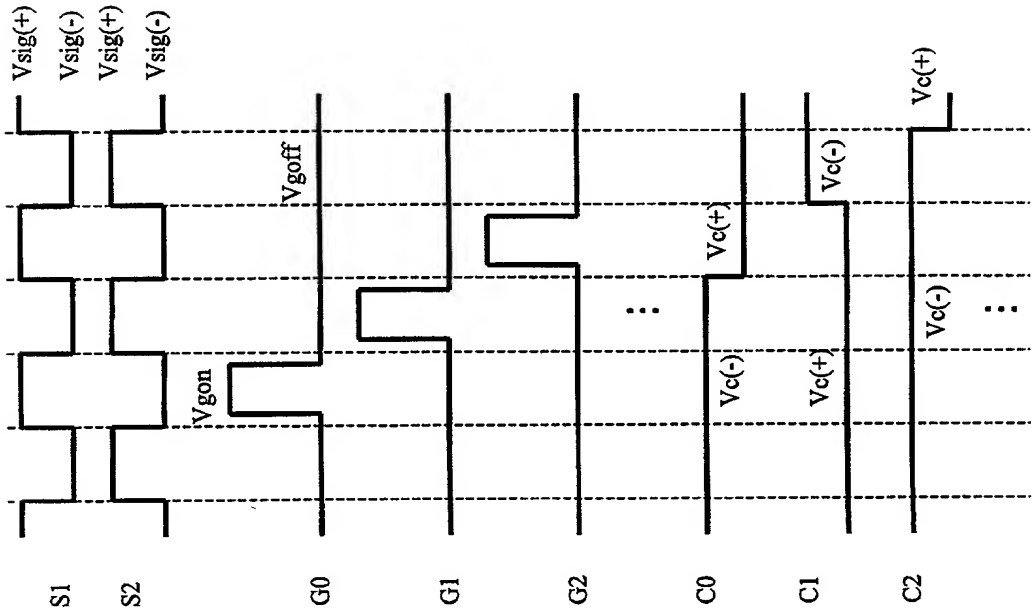
(Even-number frame)

FIG. 28B

(Odd-number frame)

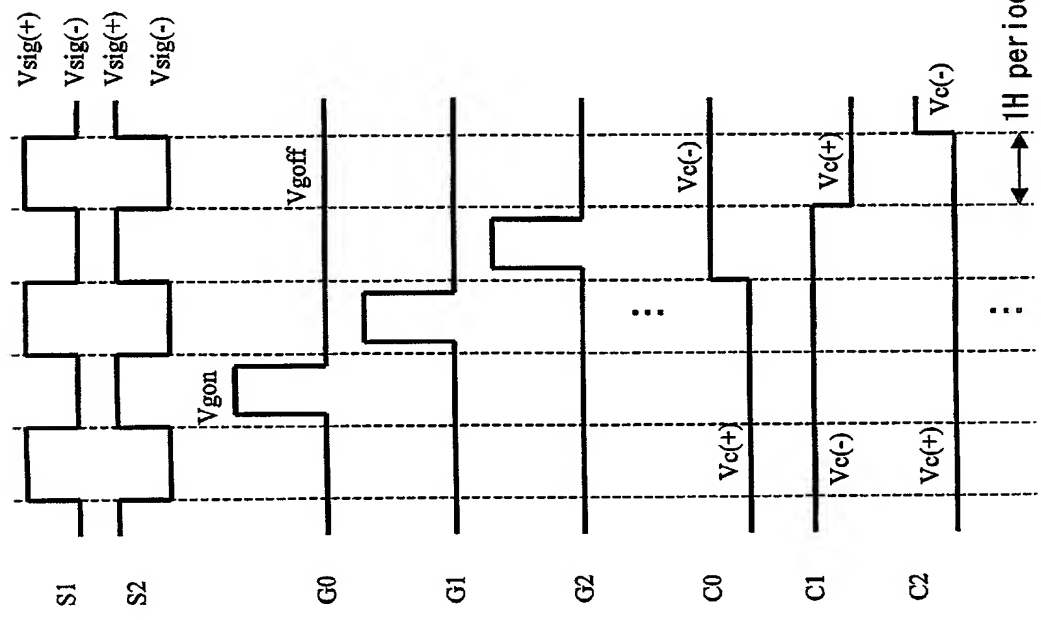
FIG. 28A

10/049503



(Even-number frame)

FIG. 29B



(Odd-number frame)

FIG. 29A

10/049583

DEEP DESCRIPTION

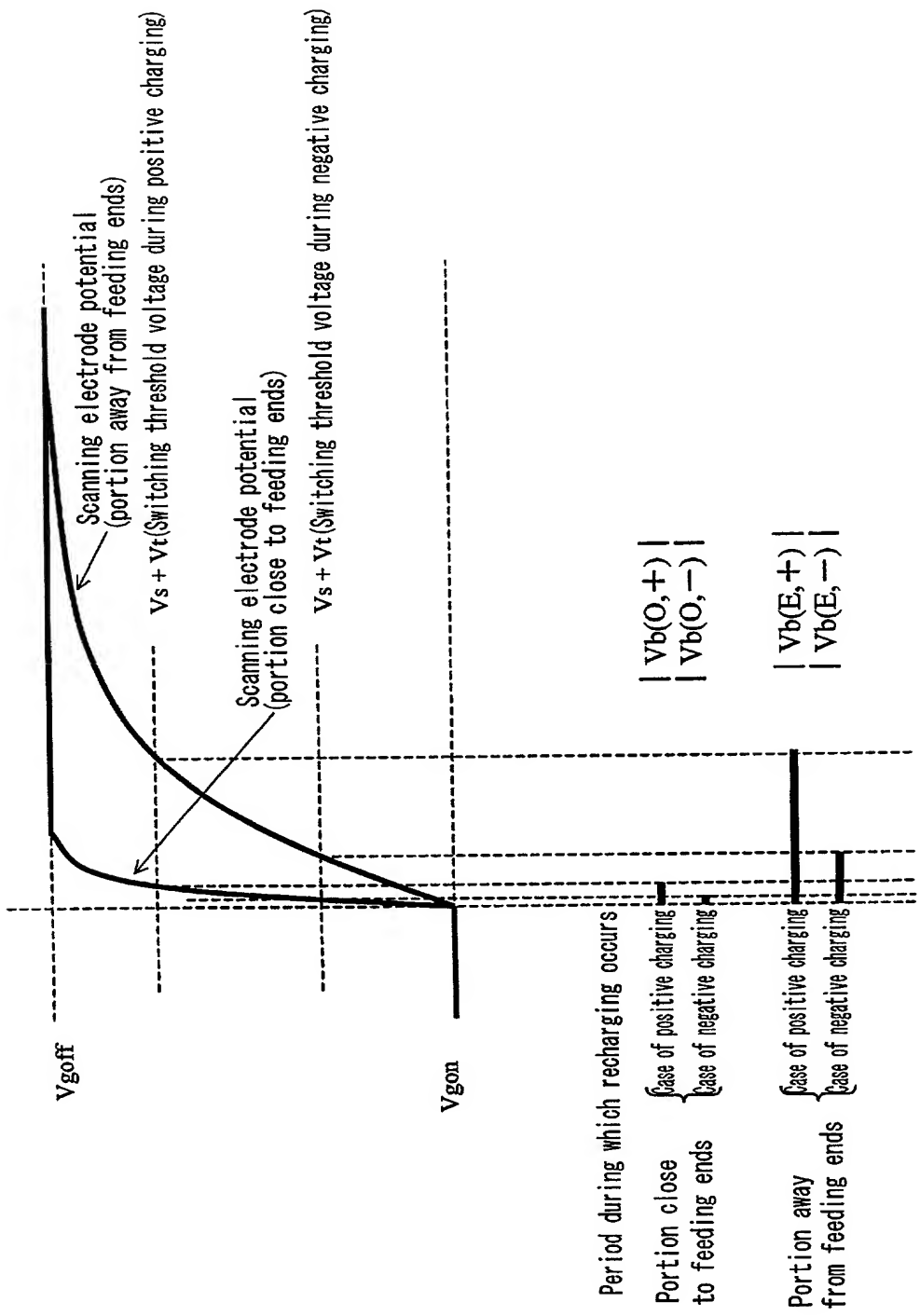


FIG. 30

10/049583

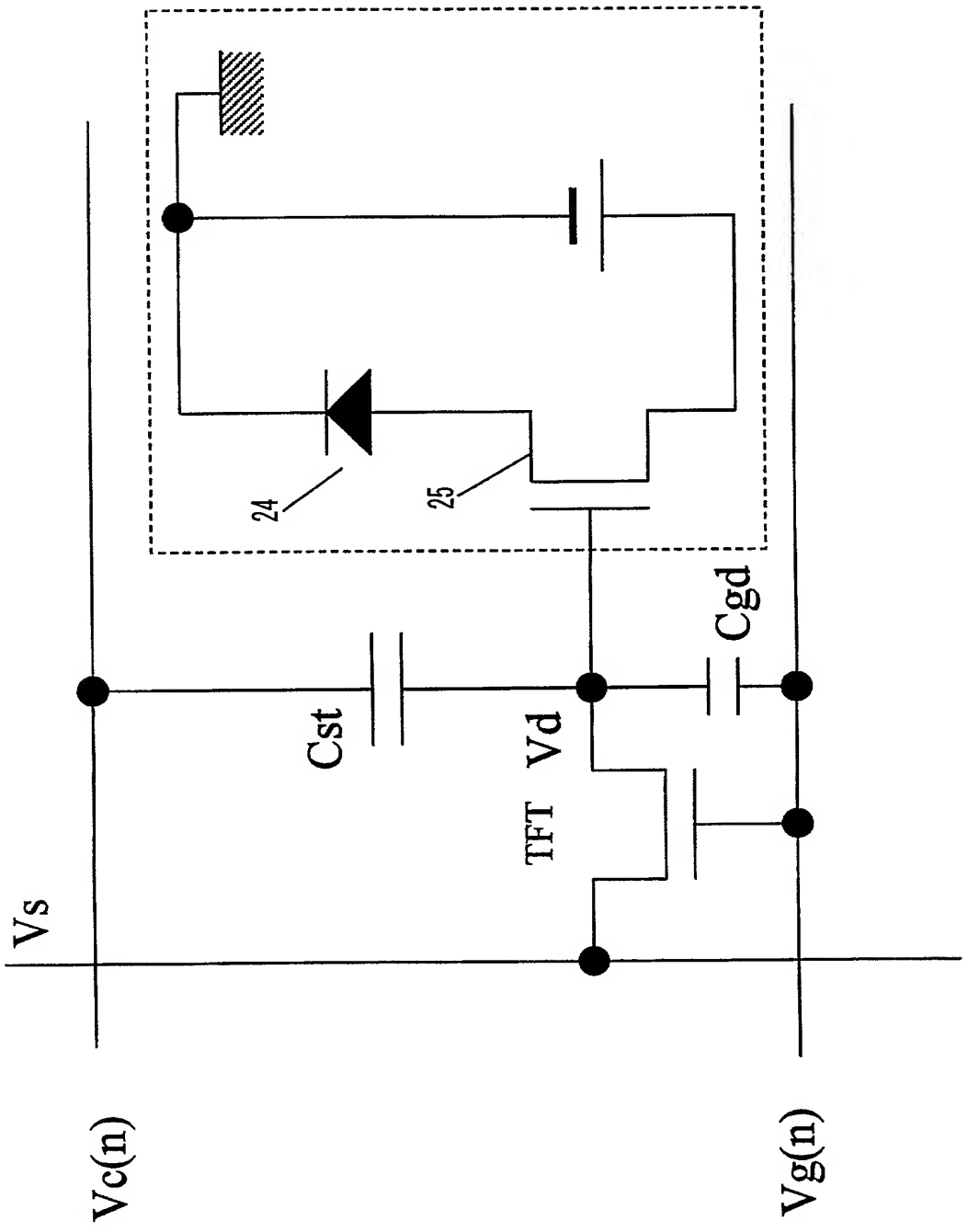


FIG. 31

10/049583

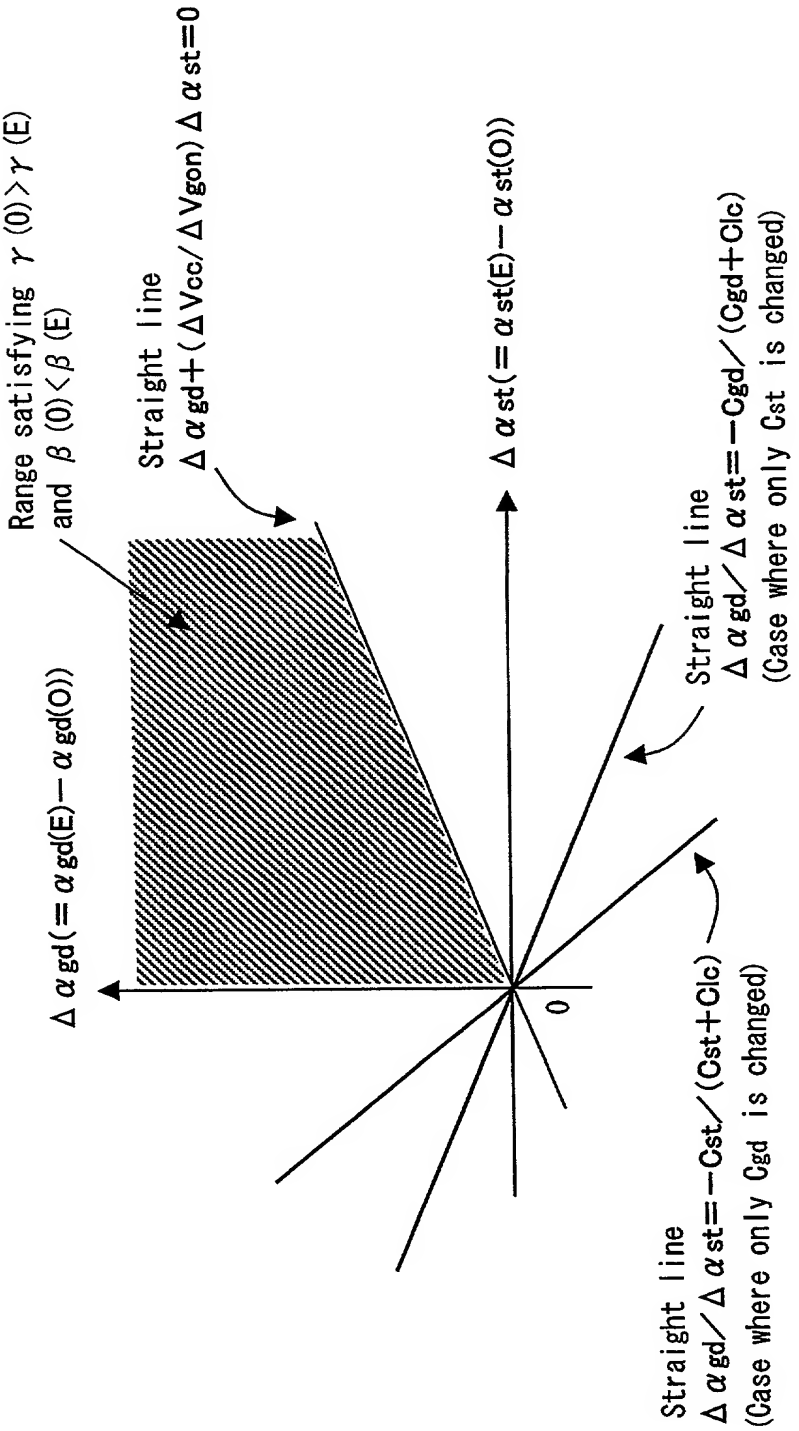


FIG. 32

10/049593

09/12/2005 08:54 #008

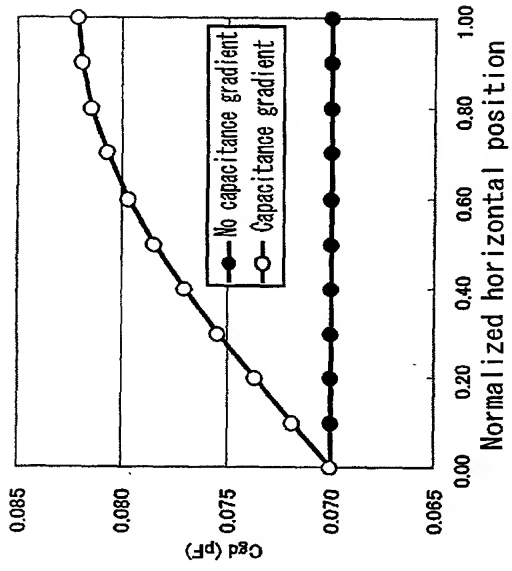


FIG. 33B

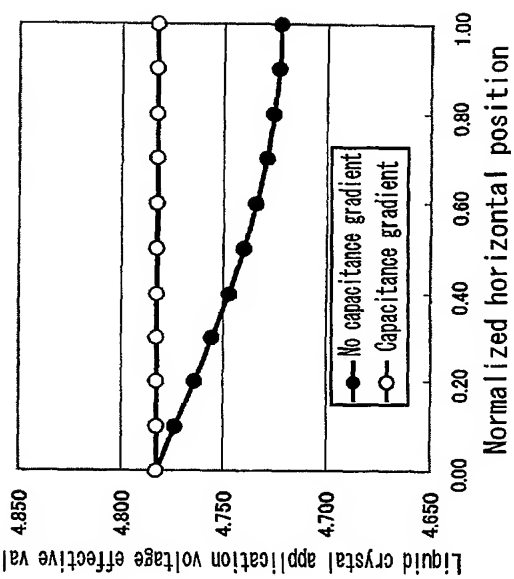


FIG. 33D

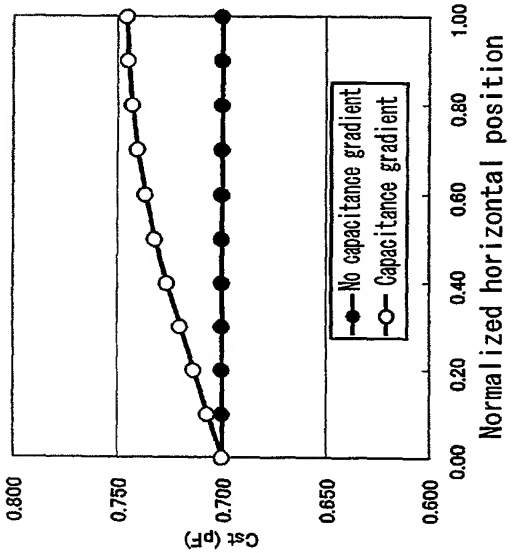


FIG. 33A

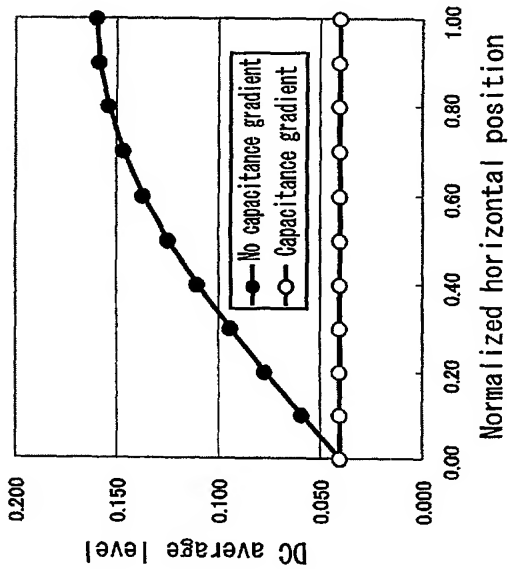


FIG. 33C